FS2.60/9: No. 23

COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 15, No. 23

WEEKLY REPORT

Week Ending June 11, 1966

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

HUMAN PLAGUE – UTAH

A confirmed case of fatal plague in a 5-year-old Navajo boy has been reported from Utah. The patient was admitted to the Monument Valley Hospital in southeast Utah on May 23, 1966, with high fever, vague chest pains, anorexia and vomiting. He died 1½ hours after admission. Cultures of heart blood taken at autopsy were found positive for *Pasteurella pestis* by routine bacteriological examination at the State Laboratory and were confirmed by fluorescent antibody technique at the Communicable Disease Center.

The patient lived in southeastern Utah, contiguous to the Arizona and New Mexico areas where cases of both human and rodent plague were reported in 1965.

Investigations to detect other cases of human plague and any evidence of excess rodent mortality in the area are in progress.

(Reported by Dr. Robert Sherwood, Director, Division of Preventive Medicine and Medical Facilities, Utah State Department of Health; and a team from CDC.)

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	23rd WEEK ENDED		MEDIAN 1961 – 1965	CUMULATIVE, FIRST 23 WEEKS		
	JUNE 11, 1966	JUNE 12, 1965		1966	1965	MEDIAN 1961 – 1965
Aseptic meningitis	24	20	42	633	635	606
Brucellosis	2	7	7	89	100	171
Diphtheria	1	–	4	70	78	123
Encephalitis, primary:						
Arthropod-borne & unspecified	24	23	- - -	558	686	- - -
Encephalitis, post-infectious	22	9	- - -	397	370	- - -
Hepatitis, serum	21	546	682	564	16,608	21,683
Hepatitis, infectious	590			15,312		
Measles (rubeola)	6,028	7,564	16,195	168,132	214,200	325,433
Poliomyelitis, Total (including unspecified)	–	4	5	8	17	62
Paralytic	–	4	5	7	15	54
Nonparalytic	–	–	- - -	–	2	- - -
Meningococcal infections, Total	59	42	38	2,170	1,822	1,315
Civilian	56	38	- - -	1,923	1,660	- - -
Military	3	4	- - -	247	162	- - -
Rubella (German measles)	1,653	- - -	- - -	35,649	- - -	- - -
Streptococcal sore throat & Scarlet fever	6,698	6,404	5,762	245,816	228,698	201,385
Tetanus	5	4	- - -	58	93	- - -
Tularemia	5	12	- - -	60	98	- - -
Typhoid fever	6	8	8	127	157	157
Typhus, tick-borne (Rky. Mt. Spotted fever)	9	10	- - -	42	34	- - -
Rabies in Animals	92	67	68	1,989	2,253	1,934

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax: Mass.-1	3	Botulism:	3
Leptospirosis:	18	Trichinosis:	44
Malaria: Md.-3, N.C.-2, Pa.-1, Ala.-1, Minn.-2, Wash.-1	128	Rabies in Man:	1
Psittacosis: Mass.-1	19	Rubella, Congenital Syndrome:	17
Typhus, murine: Texas-1	8		

CURRENT TRENDS – ASEPTIC MENINGITIS

During the first 21 weeks of 1966 a total of 584 cases of aseptic meningitis has been reported through the National Morbidity Reporting System. In the comparable period of the previous year a total of 588 cases was recorded. California reported 30 percent of the cases in 1966 and 31 percent in 1965. So far no State has reported a marked excess of cases in 1966 as compared with 1965.

The monthly incidence of aseptic meningitis for the period January 1962 to May 1966 is shown in Figure 1. A yearly seasonal peak occurs from July through October.

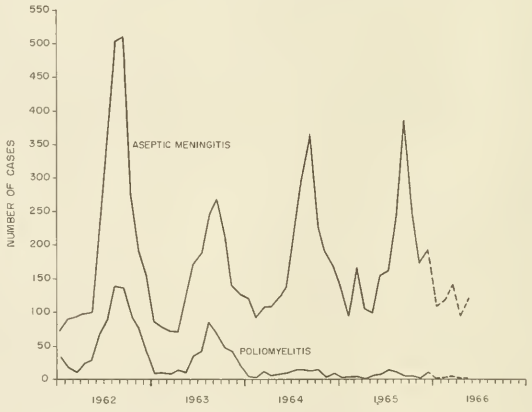
More than 2,000 cases of aseptic meningitis were notified during 1965; the annual incidence total has remained at much the same level during the past 4 years. On the other hand, paralytic poliomyelitis has shown a marked decline over the same period, thus suggesting that poliovirus does not currently cause a significant number of cases of aseptic meningitis (Figure 1).

Since 1962, the Directors of State Public Health Laboratories have reported isolations of enteroviruses to the CDC as a part of a continuing Surveillance program. The non-polio enteroviruses by type and year are summarized in Table 1. The most frequently isolated virus varies from year to year particularly among the Coxsackie B group, but ECHO 9 has been consistently prevalent during the 4-year period.

The isolations in 1965 by type and State of report are shown in Table 2. Focal outbreaks due to specific types are discernible, namely ECHO 6 in Minnesota, ECHO 9 in Illinois, North Carolina, Tennessee and Wisconsin, Coxsackie B_2 in Kentucky, and B_5 in Minnesota.

(Reported by the CNS Disease Unit, Epidemiology Branch, CDC.)

Figure 1.
REPORTED CASES OF ASEPTIC MENINGITIS
AND PARALYTIC POLIOMYELITIS BY MONTH – 1962-1966*



*SOURCE, CDC ANNUAL SUMMARY, REPORTED INCIDENCE NOTIFIABLE DISEASES, U. S., SUPPLEMENT TO MORBIDITY AND MORTALITY WEEKLY REPORT
---1966 DATA, PRELIMINARY

Table 1
NON-POLIO ENTEROVIRUS ISOLATIONS 1962-1965*

Year	No. States Reporting Enteroviruses of any Type	ECHO Types					Coxsackie Types							Total
		4	9	11	14	Other	A_9	B_1	B_2	B_3	B_4	B_5	Other	
1962	34	54	115	23	16	75	15	15	57	119	7	32	100	628
1963	28	72	104	32	27	120	91	137	28	11	44	6	65	737
1964	23	34	50	18	7	112	49	33	52	0	66	5	41	467
1965	23	1	171	14	13	135	8	6	59	3	22	38	16	486

*This table does not include enterovirus isolations made by viral diagnostic laboratories outside the State Health Departments.

Table 2
Non-polio Enterovirus Isolations, 1965

State	Echo virus						Coxsackie							Total
	4	6	9	11	14	Other*	A_9	B_1	B_2	B_3	B_4	B_5	Other*	
Arizona	0	0	0	0	0	1	0	0	0	0	0	0	0	1
California	1	10	1	9	3	9	0	0	4	1	1	0	1	40
Connecticut	0	2	0	0	0	4	1	0	0	0	0	0	0	7
Georgia	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Hawaii	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Idaho	0	0	1	0	0	0	1	0	0	0	0	0	1	3
Illinois	0	4	51	2	1	12	0	0	5	0	6	4	0	85
Iowa	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Kansas	0	1	4	0	0	8	2	2	4	1	0	1	0	23
Kentucky	0	2	1	0	2	0	0	0	29	0	2	0	0	36
Louisiana	0	1	2	0	2	5	0	0	0	0	0	0	0	10
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Massachusetts	0	0	3	0	0	3	1	0	0	0	0	0	0	7
Michigan	0	0	5	1	0	0	0	0	1	0	2	0	1	10
Minnesota	0	39	3	1	0	13	0	3	4	0	1	21	0	85
North Carolina	0	4	14	0	0	1	0	0	3	0	0	6	2	30
Oregon	0	0	0	0	0	0	0	0	3	0	0	0	0	3
Tennessee	0	0	44	0	2	2	3	1	2	0	4	0	0	58
Texas	0	0	0	0	0	0	0	0	2	1	5	0	0	8
Utah	0	0	6	0	0	0	0	0	1	0	0	0	0	7
Virginia	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Washington	0	0	0	0	0	2	0	0	0	0	0	0	1	3
West Virginia	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Wisconsin	0	4	29	1	3	6	0	0	0	0	0	6	9	58
Total	1	68	171	14	13	67	8	6	59	3	22	38	16	486

*Includes unidentified

EPIDEMIOLOGIC NOTES AND REPORTS

ASEPTIC MENINGITIS – Cheraw, South Carolina

Between May 3 and May 14, 1966, seven residents of Cheraw, South Carolina, (population 5,171) became ill with symptoms indicative of aseptic meningitis. The predominant signs and symptoms were fever, nuchal rigidity and prostration with headache, conjunctivitis, sore throat, chest and abdominal pain and vomiting. Spinal fluid examinations on all seven patients demonstrated pleocytosis with lymphocytes predominating; spinal fluid cell counts ranged from 300 to 1,800 per cubic millimeter. Specimens of fluid cultured routinely for bacterial infections gave negative results.

Investigation showed that the first four persons who became ill between May 3 and 8 were all members of the same family (Table 3). The one adult in the series was the 35-year-old father of the only female in the group who was a 5-year-old girl. The fifth patient was a 9-year-old boy who lives about 2 miles away from this family and his only contact with the family was at a picnic on May 1.

Table 3
ASEPTIC MENINGITIS, CHERAW, SOUTH CAROLINA

Case	Age	Sex	Onset Date	Virus Isolate
*1	11	M	May 3	+
*2	2	M	May 6	+
*3	35	M	May 6	
*4	5	F	May 8	+
5	9	M	May 9	
6	6	M	May 13	+
7	8	M	May 14	+

*One family

The onset of his illness was May 9. On May 13, a neighborhood playmate of the children in the affected family

(Continued on page 200)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 11, 1966 AND JUNE 12, 1965 (23rd WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post-Infectious			Serum	Infectious	Both Types
	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965
UNITED STATES...	24	20	2	24	23	22	1	-	21	590	546
NEW ENGLAND.....	1	-	-	2	2	-	-	-	1	25	36
Maine.....	-	-	-	-	-	-	-	-	-	4	2
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	4
Vermont.....	-	-	-	-	-	-	-	-	-	2	3
Massachusetts.....	-	-	-	1	1	-	-	-	-	7	15
Rhode Island.....	1	-	-	1	-	-	-	-	1	4	5
Connecticut.....	-	-	-	-	1	-	-	-	-	8	7
MIDDLE ATLANTIC.....	-	2	-	6	3	5	1	-	13	82	88
New York City.....	-	-	-	3	2	-	-	-	9	19	20
New York, Up-State.	-	-	-	-	-	2	1	-	-	23	26
New Jersey.....	-	1	-	2	1	-	-	-	3	10	23
Pennsylvania.....	-	1	-	1	-	3	-	-	1	30	19
EAST NORTH CENTRAL...	1	1	-	3	12	4	-	-	1	115	118
Ohio.....	-	-	-	3	5	-	-	-	-	31	26
Indiana.....	-	1	-	-	2	-	-	-	-	5	8
Illinois.....	-	-	-	-	3	-	-	-	-	33	37
Michigan.....	1	-	-	-	2	4	-	-	1	44	40
Wisconsin.....	-	-	-	-	-	-	-	-	-	2	7
WEST NORTH CENTRAL...	-	-	2	-	1	-	-	-	-	33	20
Minnesota.....	-	-	-	-	-	-	-	-	-	4	4
Iowa.....	-	-	1	-	1	-	-	-	-	10	2
Missouri.....	-	-	1	-	-	-	-	-	-	12	5
North Dakota.....	-	-	-	-	-	-	-	-	-	1	1
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	3	1
Kansas.....	-	-	-	-	-	-	-	-	-	3	7
SOUTH ATLANTIC.....	5	2	-	2	1	4	-	-	1	74	52
Delaware.....	2	-	-	-	-	-	-	-	-	2	-
Maryland.....	-	-	-	-	1	-	-	-	-	18	10
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	1	1
Virginia.....	-	-	-	1	-	-	-	-	-	19	10
West Virginia.....	-	-	-	-	-	-	-	-	-	5	7
North Carolina.....	-	1	-	-	-	-	-	-	-	5	5
South Carolina.....	-	-	-	-	-	-	-	-	-	-	2
Georgia.....	-	-	-	-	-	-	-	-	-	12	2
Florida.....	3	1	-	1	-	4	-	-	1	12	15
EAST SOUTH CENTRAL...	2	4	-	1	1	1	-	-	1	53	22
Kentucky.....	1	4	-	-	-	-	-	-	-	18	6
Tennessee.....	-	-	-	1	1	1	-	-	1	15	10
Alabama.....	-	-	-	-	-	-	-	-	-	9	4
Mississippi.....	1	-	-	-	-	-	-	-	-	11	2
WEST SOUTH CENTRAL...	2	3	-	2	3	2	-	-	1	31	51
Arkansas.....	-	-	-	1	-	1	-	-	-	1	10
Louisiana.....	1	-	-	-	-	-	-	-	-	8	15
Oklahoma.....	-	-	-	-	-	-	-	-	-	-	-
Texas.....	1	3	-	1	3	1	-	-	1	22	26
MOUNTAIN.....	1	-	-	4	-	-	-	-	-	26	45
Montana.....	-	-	-	1	-	-	-	-	-	5	4
Idaho.....	-	-	-	-	-	-	-	-	-	-	4
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	3	-	-	-	-	-	9	1
New Mexico.....	-	-	-	-	-	-	-	-	-	6	30
Arizona.....	1	-	-	-	-	-	-	-	-	5	5
Utah.....	-	-	-	-	-	-	-	-	-	1	1
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	12	8	-	4	-	6	-	-	3	151	114
Washington.....	-	1	-	-	-	3	-	-	1	14	16
Oregon.....	-	-	-	-	-	-	-	-	-	30	9
California.....	12	5	-	4	-	2	-	-	2	107	86
Alaska.....	-	-	-	-	-	1	-	-	-	-	3
Hawaii.....	---	2	---	---	-	---	---	-	---	---	-
Puerto Rico.....	-	-	-	-	-	-	-	-	-	12	33

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 11, 1966 AND JUNE 12, 1965 (23rd WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
		Cumulative			Cumulative		Total		Paralytic		
	1966	1966	1965	1966	1966	1965	1966	1965	1966	Cumulative 1966	1966
UNITED STATES...	6,028	168,132	214,200	59	2,170	1,822	-	4	-	7	1,653
NEW ENGLAND.....	94	1,994	35,210	5	101	92	-	-	-	-	213
Maine.....	7	188	2,617	-	8	9	-	-	-	-	6
New Hampshire.....	1	45	370	-	8	5	-	-	-	-	-
Vermont.....	1	217	1,025	-	3	2	-	-	-	-	17
Massachusetts.....	23	703	18,718	2	40	31	-	-	-	-	122
Rhode Island.....	3	71	3,762	1	12	14	-	-	-	-	9
Connecticut.....	59	770	8,718	2	30	31	-	-	-	-	59
MIDDLE ATLANTIC.....	327	16,929	11,703	4	240	245	-	-	-	-	71
New York City.....	51	7,980	1,445	2	36	43	-	-	-	-	23
New York, Up-State.	96	2,001	3,275	1	68	64	-	-	-	-	41
New Jersey.....	57	1,808	1,935	-	66	69	-	-	-	-	-
Pennsylvania.....	123	5,140	5,048	1	70	69	-	-	-	-	7
EAST NORTH CENTRAL...	2,250	61,425	46,250	8	333	233	-	-	-	-	591
Ohio.....	168	5,876	8,160	4	91	62	-	-	-	-	21
Indiana.....	314	4,969	1,508	-	59	33	-	-	-	-	78
Illinois.....	219	10,829	2,146	2	62	62	-	-	-	-	106
Michigan.....	828	11,359	23,211	1	87	48	-	-	-	-	151
Wisconsin.....	721	28,392	11,225	1	34	28	-	-	-	-	235
WEST NORTH CENTRAL...	372	8,032	15,420	4	120	98	-	-	-	1	100
Minnesota.....	6	1,578	590	1	28	19	-	-	-	1	5
Iowa.....	228	4,914	8,479	-	16	5	-	-	-	-	87
Missouri.....	80	495	2,404	1	49	46	-	-	-	-	5
North Dakota.....	23	933	3,396	1	7	5	-	-	-	-	3
South Dakota.....	32	38	104	-	4	2	-	-	-	-	-
Nebraska.....	3	74	447	-	8	10	-	-	-	-	-
Kansas.....	NN	NN	NN	1	8	11	-	-	-	-	-
SOUTH ATLANTIC.....	585	13,062	22,176	18	363	355	-	-	-	1	140
Delaware.....	21	232	468	-	4	4	-	-	-	-	2
Maryland.....	92	1,922	932	-	34	35	-	-	-	-	5
Dist. of Columbia..	4	367	54	2	9	5	-	-	-	-	-
Virginia.....	109	1,575	3,681	3	48	41	-	-	-	-	16
West Virginia.....	141	4,555	12,245	-	12	23	-	-	-	-	45
North Carolina.....	29	299	295	1	88	65	-	-	-	-	-
South Carolina.....	5	589	947	-	42	52	-	-	-	-	2
Georgia.....	2	225	585	9	55	45	-	-	-	1	-
Florida.....	182	3,298	2,969	3	71	85	-	-	-	-	70
EAST SOUTH CENTRAL...	501	17,919	12,576	3	190	136	-	1	-	1	212
Kentucky.....	105	4,458	2,252	1	74	59	-	-	-	-	110
Tennessee.....	316	11,071	7,152	-	61	43	-	1	-	-	99
Alabama.....	54	1,514	2,151	2	42	23	-	-	-	-	3
Mississippi.....	26	876	1,021	-	13	11	-	-	-	1	-
WEST SOUTH CENTRAL...	781	20,996	28,688	7	317	270	-	2	-	3	1
Arkansas.....	6	750	1,054	-	23	13	-	-	-	-	1
Louisiana.....	3	81	77	2	119	151	-	1	-	-	-
Oklahoma.....	13	439	167	-	17	17	-	-	-	1	-
Texas.....	759	19,726	27,390	5	158	89	-	1	-	2	-
MOUNTAIN.....	454	10,259	17,318	-	70	59	-	1	-	-	147
Montana.....	59	1,640	3,337	-	4	1	-	-	-	-	5
Idaho.....	104	1,232	2,359	-	5	7	-	-	-	-	-
Wyoming.....	1	111	805	-	3	4	-	-	-	-	1
Colorado.....	44	1,025	4,868	-	38	13	-	-	-	-	53
New Mexico.....	23	987	578	-	9	10	-	-	-	-	-
Arizona.....	196	4,843	990	-	8	16	-	1	-	-	87
Utah.....	27	385	4,191	-	-	6	-	-	-	-	1
Nevada.....	-	36	190	-	3	2	-	-	-	-	-
PACIFIC.....	664	17,516	24,859	10	436	334	-	-	-	1	178
Washington.....	182	3,225	7,042	-	35	25	-	-	-	1	93
Oregon.....	52	1,210	2,941	1	29	27	-	-	-	-	24
California.....	389	12,828	11,737	8	354	264	-	-	-	-	59
Alaska.....	41	164	128	-	15	11	-	-	-	-	2
Hawaii.....	---	89	3,011	---	3	7	---	-	---	-	---
Puerto Rico.....	59	2,081	1,746	-	6	4	-	-	-	-	-

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 11, 1966 AND JUNE 12, 1965 (23rd WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	6,698	5	58	5	60	6	127	9	42	92	1,989
NEW ENGLAND.....	1,199	-	2	-	1	-	3	-	-	3	38
Maine.....	62	-	-	-	-	-	-	-	-	2	12
New Hampshire.....	22	-	-	-	-	-	-	-	-	-	12
Vermont.....	38	-	-	-	-	-	-	-	-	1	14
Massachusetts.....	161	-	2	-	1	-	-	-	-	-	-
Rhode Island.....	56	-	-	-	-	-	-	-	-	-	-
Connecticut.....	860	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	239	1	8	-	-	1	27	3	5	5	132
New York City.....	20	-	3	-	-	-	14	-	-	-	-
New York, Up-State.	184	1	1	-	-	1	4	3	3	5	125
New Jersey.....	NN	-	1	-	-	-	6	-	1	-	-
Pennsylvania.....	35	-	3	-	-	-	3	-	1	-	7
EAST NORTH CENTRAL...	988	-	4	-	12	-	22	-	3	19	280
Ohio.....	176	-	-	-	3	-	9	-	2	15	151
Indiana.....	182	-	1	-	3	-	1	-	-	4	60
Illinois.....	280	-	1	-	5	-	3	-	1	-	23
Michigan.....	219	-	2	-	-	-	3	-	-	-	23
Wisconsin.....	131	-	-	-	1	-	6	-	-	-	23
WEST NORTH CENTRAL...	190	1	5	-	4	-	13	-	1	14	436
Minnesota.....	5	-	1	-	-	-	-	-	-	3	99
Iowa.....	91	1	1	-	-	-	4	-	-	3	96
Missouri.....	4	-	3	-	1	-	5	-	-	3	152
North Dakota.....	62	-	-	-	-	-	1	-	-	-	6
South Dakota.....	8	-	-	-	-	-	-	-	-	3	46
Nebraska.....	1	-	-	-	1	-	1	-	-	-	8
Kansas.....	19	-	-	-	2	-	2	-	1	2	29
SOUTH ATLANTIC.....	970	2	14	-	7	1	25	3	19	9	254
Delaware.....	39	-	-	-	-	-	-	-	-	-	-
Maryland.....	218	-	-	-	-	-	6	1	5	-	-
Dist. of Columbia..	9	-	-	-	-	-	-	-	-	-	-
Virginia.....	293	-	-	-	2	-	8	1	5	3	152
West Virginia.....	207	-	-	-	1	-	1	-	-	1	35
North Carolina.....	9	-	1	-	2	-	2	-	7	-	1
South Carolina.....	8	-	1	-	1	-	4	1	1	-	-
Georgia.....	5	2	6	-	1	-	1	-	1	-	38
Florida.....	182	-	6	-	-	1	3	-	-	5	28
EAST SOUTH CENTRAL...	922	-	3	-	13	-	10	2	6	12	268
Kentucky.....	47	-	1	-	2	-	2	-	-	1	41
Tennessee.....	676	-	-	-	7	-	5	2	6	8	213
Alabama.....	87	-	2	-	4	-	2	-	-	2	11
Mississippi.....	112	-	-	-	-	-	1	-	-	1	3
WEST SOUTH CENTRAL...	668	1	14	5	20	4	12	1	5	21	419
Arkansas.....	1	-	2	4	15	-	1	-	1	-	45
Louisiana.....	-	-	3	1	2	2	4	-	-	1	21
Oklahoma.....	50	-	1	-	2	2	3	1	4	2	115
Texas.....	617	1	8	-	1	-	4	-	-	18	238
MOUNTAIN.....	1,047	-	1	-	2	-	6	-	3	2	39
Montana.....	18	-	-	-	-	-	-	-	-	-	7
Idaho.....	96	-	-	-	-	-	-	-	-	-	-
Wyoming.....	9	-	-	-	-	-	-	-	-	-	-
Colorado.....	497	-	1	-	-	-	2	-	3	2	4
New Mexico.....	228	-	-	-	1	-	-	-	-	-	6
Arizona.....	86	-	-	-	-	-	1	-	-	-	21
Utah.....	113	-	-	-	1	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	1
PACIFIC.....	475	-	7	-	1	-	9	-	-	7	123
Washington.....	251	-	-	-	-	-	1	-	-	-	-
Oregon.....	30	-	-	-	-	-	1	-	-	-	-
California.....	146	-	7	-	1	-	5	-	-	7	123
Alaska.....	48	-	-	-	-	-	-	-	-	-	-
Hawaii.....	---	---	-	---	-	---	2	---	-	---	-
Puerto Rico.....	4	2	26	-	-	-	5	-	-	-	7

Week No. 23

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 11, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	725	429	30	40
Boston, Mass.	259	157	7	12
Bridgeport, Conn.	42	20	7	3
Cambridge, Mass.	21	17	2	-
Fall River, Mass.	28	19	2	-
Hartford, Conn.	50	23	2	3
Lowell, Mass.	30	17	2	-
Lynn, Mass.	16	10	-	1
New Bedford, Mass.	19	14	1	-
New Haven, Conn.	54	27	1	10
Providence, R. I.	56	35	2	3
Somerville, Mass.	18	12	-	-
Springfield, Mass.	47	29	3	3
Waterbury, Conn.	35	21	-	3
Worcester, Mass.	50	28	1	2
MIDDLE ATLANTIC:	3,479	2,030	157	157
Albany, N. Y.	52	26	2	1
Allentown, Pa.	35	21	1	3
Buffalo, N. Y.	129	73	9	7
Camden, N. J.	38	21	2	-
Elizabeth, N. J.	29	18	1	1
Erie, Pa.	36	24	2	2
Jersey City, N. J.	80	49	7	7
Newark, N. J.	79	40	5	5
New York City, N. Y.	1,808	1,059	77	76
Paterson, N. J.	42	25	4	4
Philadelphia, Pa.	532	297	10	26
Pittsburgh, Pa.	232	125	4	14
Reading, Pa.	43	32	6	1
Rochester, N. Y.	107	61	7	6
Schenectady, N. Y.	30	23	3	1
Scranton, Pa.	44	29	1	-
Syracuse, N. Y.	54	36	3	2
Trenton, N. J.	40	24	4	-
Utica, N. Y.	31	23	4	1
Yonkers, N. Y.	38	24	5	-
EAST NORTH CENTRAL:	2,794	1,549	114	161
Akron, Ohio	71	41	-	8
Canton, Ohio	49	27	6	3
Chicago, Ill.	767	410	35	52
Cincinnati, Ohio	170	116	3	4
Cleveland, Ohio	228	106	1	9
Columbus, Ohio	138	75	7	8
Dayton, Ohio	81	46	1	6
Detroit, Mich.*	391	212	17	21
Evansville, Ind.	59	44	2	2
Flint, Mich.	50	23	2	6
Fort Wayne, Ind.	44	26	8	2
Gary, Ind.	54	25	4	3
Grand Rapids, Mich.	71	46	8	4
Indianapolis, Ind.	149	78	8	6
Madison, Wis.	32	17	-	1
Milwaukee, Wis.	149	87	2	5
Peoria, Ill.	49	26	1	5
Rockford, Ill.	36	17	3	5
South Bend, Ind.	20	15	-	2
Toledo, Ohio	107	68	5	4
Youngstown, Ohio	79	44	1	5
WEST NORTH CENTRAL:	899	542	28	53
Des Moines, Iowa	79	52	3	2
Duluth, Minn.	23	14	1	1
Kansas City, Kans.	33	15	1	1
Kansas City, Mo.	126	83	2	5
Lincoln, Nebr.	21	12	1	1
Minneapolis, Minn.	133	95	4	10
Omaha, Nebr.	109	56	3	8
St. Louis, Mo.	239	128	5	21
St. Paul, Minn.	70	45	3	1
Wichita, Kans.	66	42	5	3
SOUTH ATLANTIC:	1,195	594	47	87
Atlanta, Ga.	120	53	4	6
Baltimore, Md.	276	126	11	15
Charlotte, N. C.	48	26	2	5
Jacksonville, Fla.	66	41	-	4
Miami, Fla.	86	45	-	6
Norfolk, Va.	78	32	5	5
Richmond, Va.	72	31	1	7
Savannah, Ga.	44	18	6	2
St. Petersburg, Fla.	72	59	4	-
Tampa, Fla.	62	45	5	1
Washington, D. C.	217	85	7	35
Wilmington, Del.	54	33	2	1
EAST SOUTH CENTRAL:	684	358	33	35
Birmingham, Ala.	90	42	1	5
Chattanooga, Tenn.	42	24	2	1
Knoxville, Tenn.	42	25	2	3
Louisville, Ky.	156	90	17	9
Memphis, Tenn.	143	75	4	7
Mobile, Ala.	35	11	1	1
Montgomery, Ala.	56	31	2	-
Nashville, Tenn.	120	60	4	9
WEST SOUTH CENTRAL:	1,154	590	39	90
Austin, Tex.	26	9	4	3
Baton Rouge, La.	46	25	3	3
Corpus Christi, Tex.	32	10	-	2
Dallas, Tex.	143	77	4	10
El Paso, Tex.*	38	18	2	5
Fort Worth, Tex.	81	44	4	7
Houston, Tex.	231	103	4	15
Little Rock, Ark.	64	36	2	6
New Orleans, La.	177	102	5	12
Oklahoma City, Okla.	80	49	-	9
San Antonio, Tex.	110	58	6	6
Shreveport, La.	58	26	2	6
Tulsa, Okla.	68	33	3	6
MOUNTAIN:	462	273	18	25
Albuquerque, N. Mex.	45	20	5	4
Colorado Springs, Colo.	18	11	-	1
Denver, Colo.*	137	80	5	8
Ogden, Utah	26	16	2	2
Phoenix, Ariz.	90	53	4	6
Pueblo, Colo.	27	16	-	2
Salt Lake City, Utah	65	39	1	1
Tucson, Ariz.	54	38	1	1
PACIFIC:	1,333	807	35	64
Berkeley, Calif.	24	12	-	1
Fresno, Calif.	47	23	3	2
Glendale, Calif.	15	13	-	-
Honolulu, Hawaii	49	28	-	5
Long Beach, Calif.	66	37	-	3
Los Angeles, Calif.	312	190	10	14
Oakland, Calif.	114	66	5	10
Pasadena, Calif.	39	28	1	-
Portland, Oreg.	91	42	2	8
Sacramento, Calif.	76	50	1	1
San Diego, Calif.	89	58	2	3
San Francisco, Calif.	177	110	3	3
San Jose, Calif.*	29	19	2	2
Seattle, Wash.	122	79	4	6
Spokane, Wash.	41	26	-	5
Tacoma, Wash.	42	26	2	1
Total	12,725	7,172	501	712

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	299,964
All Causes, Age 65 and over	173,711
Pneumonia and Influenza, All Ages	14,080
All Causes, Under 1 Year of Age	15,445

EPIDEMIOLOGIC NOTES AND REPORTS

ASEPTIC MENINGITIS – Cheraw, South Carolina

(Continued from page 195)

also became ill. The final confirmed case to date, in a patient who became ill on May 14, is a neighborhood playmate of the fifth case.

Viral agents have been isolated in the laboratories of the South Carolina State Board of Health and Laboratory Branch of CDC, from four stool specimens, three throat swabs and two spinal fluids obtained from patients in the affected group. These viral agents caused cytopathogenic effects on monkey kidney tissue cultures. Virus neutralization tests are still in progress to determine the virus type responsible.

(Reported by Dr. G.E. McDaniel, Director of Disease Control, South Carolina State Board of Health; Dr. Joseph K. Newsom, Residing Physician, Cheraw, South Carolina; and a team from CDC.)

SALMONELLOSIS – New Jersey, New York and Pennsylvania

More than 300 persons were affected by outbreaks of salmonellosis between May 25 and 31, 1966, in New Jersey, New York and Pennsylvania (MMWR, Vol. 15, No. 22). The infection was traced to a smoked fish product distributed by one company; *Salmonella java* was isolated from the smoked fish, from 9 of the 30 employees at the plant and from patients in the three States. The plant was closed voluntarily for 3 days and extensive environmental specimens taken for culture. All of these were negative for salmonellae.

Operations were resumed at the plant on June 9 using a skeleton staff of employees, all of whom had had three successive daily rectal swabs negative for salmonellae. No new cases have been reported since June 1.

(Reported by Dr. William J. Dougherty, Director, Division of Preventable Disease Control, New Jersey State Department of Health; Dr. Julia L. Freitag, Director, Epidemiology Division, New York State Department of Health; Dr. Tibor Fodor, Acting Chief, Division of Epidemiology and Diagnosis, Bureau of Preventable Diseases, New York City Health Department; Dr. William D. Schrack, Jr., Director of Communicable Diseases, Pennsylvania Department of Health; the Food and Drug Administration; and a team from CDC.)

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 15,600, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY

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